

PTO/SB/21 (09-04)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

10

Application Number

10/634,020

Filing Date

08/04/2003

First Named Inventor

Lu et al.

Art Unit

1725

Examiner Name

Len Tran

Attorney Docket Number

12004

ENCLOSURES (Check all that apply)



Fee Transmittal Form



Fee Attached



Amendment/Reply



After Final



Affidavits/declaration(s)



Extension of Time Request



Express Abandonment Request



Information Disclosure Statement



Certified Copy of Priority Document(s)

Reply to Missing Parts/
Incomplete ApplicationReply to Missing Parts
under 37 CFR 1.52 or 1.53

Drawing(s)



Licensing-related Papers



Petition

Petition to Convert to a
Provisional ApplicationPower of Attorney, Revocation
Change of Correspondence Address

Terminal Disclaimer



Request for Refund



CD, Number of CD(s) _____

☐ Landscape Table on CD

Remarks



After Allowance Communication to TC

Appeal Communication to Board
of Appeals and InterferencesAppeal Communication to TC
(Appeal Notice, Brief, Reply Brief)

Proprietary Information



Status Letter

Other Enclosure(s) (please identify
below):Supplemental Application Data Sheet;
PTO-2038 Credit Card Payment Form;
Return Receipt Post Card

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name

Battelle Memorial Institute

Signature

Printed name

William B. Richards

Date

10/13/2004

Reg. No.

44,301

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature

Typed or printed name

Judy Readman

Date

11/4/2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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11-05-04

Attorney Docket No. 12004

DAE
IPW**PATENT APPLICATION****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Group: 1725)
 Attorney)
 Docket: 12004)
 Applicant: Lu et al.)
 Title: Resistance Spot Welding Electrode)
 Serial No.: 10/634,020)
 Filed: August 4, 2003)
 Examiner: Tran, Len)

**Certificate Under 37 CFR § 1.10**

I hereby certify that this correspondence is being deposited with the United States Postal Service in an envelope addressed to Mail Stop Petition, Director of the United States Patent Office, Box 1450, Alexandria, VA 22313-1450 as "Express Mail Post Office to Addressee".

on

11/04/2004

Judy Readman

ED065846157US
Mailing Label No.

RULE 1.182 PETITION

Mail Stop Petition
 Commissioner for Patents
 Box 1450
 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. § 1.182, Applicants hereby petition to change the order of named inventors in the abovecaptioned Application. There are three inventors named in this case:

Feng Lu
 Zhenning Cao
 Pingsha Dong

When the Application was filed, Mr. Lu was listed first in the Combined Declaration and Power of Attorney. The corporate policy of the employer and Assignee, the Battelle Memorial Institute, would reverse the order and place Mr. Cao as the first-named inventor. As the Commissioner might understand, the order of inventors on a granted patent is of particular importance in a research environment such as that of the Assignee.

Included herewith is a Supplement Application Data Sheet, pursuant to 37 C.F.R. § 1.76(c) showing the indicated change.

Pursuant to 37 C.F.R. §§ 1.182 and 1.17(h), Applicants enclose herewith a credit card authorization form PTO-2038 for \$130.00 for review of this Petition. Please charge any additional fees, or credit any overpayments in connection with this Response to Assignee's Deposit Account 021266. A duplicate copy of this authorization is also enclosed.

Respectfully submitted,



William B. Richards, Esq.
Attorney for Applicants
Reg. No. 44,301

Battelle Memorial Institute
505 King Avenue
Columbus, OH 43201
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E-mail: richardsw@battelle.org
Customer Number: 24116

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group: 1725
Attorney
Docket: 12004
Applicant: Lu et al.
Title: Resistance Spot Welding Electrode
Serial No.: 10/634,020
Filed: August 4, 2003
Examiner: Tran, Len



Certificate Under 37 CFR § 1.10

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on 11/04/2004

Judy Readman
Judy Readman

ED065846157US
Mailing Label No.

SUPPLEMENTAL APPLICATION DATA SHEET

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. § 1.76(c), the following information submitted previously is changed as indicated:

APPLICANT BIBLIOGRAPHIC DATA

1. Applicant information is being modified to change the order of inventors. A petition and fee pursuant to 37 C.F.R. §§ 1.182 and 1.17(h), respectively, are included herewith.

First Applicant

Given Name:: Zhenning

Family Name:: Cao

Second Applicant

Given Name:: Pingsha

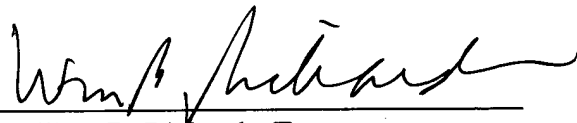
Family Name:: Dong

Third Applicant

Given Name:: Feng

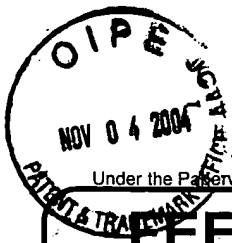
Family Name:: Lu

Respectfully submitted,



William B. Richards, Esq.
Attorney for Applicants
Reg. No. 44,301

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express mail ED 065846157 US

PTO/SB/17 (10-04v2)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 130.00

Complete if Known

Application Number	10/634,020
Filing Date	08/04/2003
First Named Inventor	Lu et al.
Examiner Name	Tran, Len
Art Unit	1725
Attorney Docket No.	12004

METHOD OF PAYMENT (check all that apply)☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit Account Number
Deposit Account Name

021266

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	790	2001	395	Utility filing fee	
1002	350	2002	175	Design filing fee	
1003	550	2003	275	Plant filing fee	
1004	790	2004	395	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$) 00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims		Fee from below		Fee Paid
Total Claims	<input type="text"/>	-20** =	<input type="text"/>	X	<input type="text"/>	<input type="text"/>
Independent Claims	<input type="text"/>	-3** =	<input type="text"/>	X	<input type="text"/>	<input type="text"/>
Multiple Dependent	<input type="text"/>				<input type="text"/>	<input type="text"/>

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	88	2201	44	Independent claims in excess of 3
1203	300	2203	150	Multiple dependent claim, if not paid
1204	88	2204	44	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	430	2252	215	Extension for reply within second month	
1253	980	2253	490	Extension for reply within third month	
1254	1,530	2254	765	Extension for reply within fourth month	
1255	2,080	2255	1,040	Extension for reply within fifth month	
1401	340	2401	170	Notice of Appeal	
1402	340	2402	170	Filing a brief in support of an appeal	
1403	300	2403	150	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,370	2453	685	Petition to revive - unintentional	
1501	1,370	2501	685	Utility issue fee (or reissue)	
1502	490	2502	245	Design issue fee	
1503	660	2503	330	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	130.00
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	790	2809	395	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR 1.129(b))	
1801	790	2801	395	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 130.00

SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	William B. Richards	Registration No. (Attorney/Agent)	44,301	Telephone	614-424-5612
Signature		Date	11/04/2004		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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